

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. 54205-B JPW/AJM/MML		Serial No. 09/311,428					
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)						Applicant: John O'Connor and Steven Birken							
						Filing Date May 13, 1999		Group 1641					
<b>U.S. PATENT DOCUMENTS</b>													
Examiner Initial		Document Number						Date	Name	Class	Subclass	Filing Date if Appropriate	
		0	0	2	2	3	8	1	1/30/03	Pandian et al. (Exhibit 1)			
<b>FOREIGN PATENT DOCUMENTS</b>													
		Document Number						Date	Country	Class	Subclass	Translation	
													Yes    No
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>													
		Ehrlich P.H. and Moyle W.R. (1983) "Cooperative immunoassays: ultrasensitive assays with mixed monoclonal antibodies," Science 221:279-81 <b>(Exhibit 2)</b>											
		Ehrlich P.H. et al. (1982) "Mixing two monoclonal antibodies yields enhanced affinity for antigen," J. Immunol. 128(6):2709-13 <b>(Exhibit 3)</b>											
		Ehrlich P.H. et al. (1985) "Characterization and relative orientation of epitopes for monoclonal antibodies and antisera to human chorionic gonadotropin," Am. J. Reprod. Immunol. Microbiol. 8(2):48-54 <b>(Exhibit 4)</b>											
		Ehrlich P.H. et al. (1985) "Monoclonal antibodies to gonadotropin subunits," Methods Enzymol. 109:638-55 <b>(Exhibit 5)</b>											
		Elliott, M.M. et al. (1997) "Carbohydrate and peptide structure of the alpha and beta-subunits of human chorionic gonadotropin from normal and aberrant pregnancy and choriocarcinoma," Endocrine 7(1):15-32 <b>(Exhibit 6)</b>											
		Kardana, A. et al. (1991) "The heterogeneity of human chorionic gonadotropin (hCG). I. Characterization of peptide heterogeneity in 13 individual preparations of hCG," Endocrinology 129(3):1541-50 <b>(Exhibit 7)</b>											
<b>EXAMINER</b>								<b>DATE CONSIDERED</b>					
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

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